

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET					
STATE	New Hampshire	FIELD OFFICE	All	DATE	July 2002
<b>PRACTICE: 331 Contour Orchard and Other Fruit Area</b>		NOTES:			
<b>RESOURCE: SOIL</b>					
<b>RESOURCE CONCERN: EROSION</b>					
<b>RESOURCE INDICATORS</b>		<b>PHYSICAL EFFECTS</b>			
SHEET AND RILL		significant reduction in sheet and rill erosion			
WIND		situational concerning wind erosion			
EPHEMERAL GULLY		significant reduction in ephemeral gully erosion			
CLASSIC GULLY		moderate reduction in classic gully erosion			
STREAMBANK		N/A			
IRRIGATION INDUCED		significant reduction in irrigation induced erosio			
SOIL MASS MOVEMENT		slight increase in mass movement of soil			
ROADBANK/CONSTRUCTION		N/A			
OTHER					
<b>RESOURCE CONCERN: SOIL CONDITION</b>					
SOIL TILTH		slight improvement in soil tilth			
SOIL COMPACTION		insignificant			
SOIL CONTAMINATION					
• SALTS		slight reduction in soil salinity			
• ORGANICS		slight decrease in organic contaminants			
• FERTILIZERS		slight reduction in contamination from fertilizer			
• PESTICIDES		slight reduction in pesticide contam./soil			
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE		significant reduction/onsite deposition damage			
• OFFSITE		significant decrease/offsite deposition damage			
DEPOSITION/SAFETY					
• ONSITE		significantly improve onsite safety/deposition			
• OFFSITE		sign. improve offsite safety hazard/deposition			
OTHER					
<b>RESOURCE: WATER</b>					
<b>RESOURCE CONCERN: WATER QUANTITY</b>					
SEEPS		slight increase in seepage hazard			
RUNOFF/FLOODING		sign. decrease in runoff/flooding			
EXCESS SUBSURFACE WATER		slight increase in excess subsurface water			
INADEQUATE OUTLETS		significant improvement in H2O outlet concern			
WATER MGT. IRRIGATION					
• SURFACE		significant improvement in irrigation efficiency			
• SPRINKLER		significant improvement in irrigation efficiency			
WATER MGT. NON-IRRIGATED		significant improvement in moisture use			
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE		moderate improvement in onsite drainage			
• OFFSITE		moderate improvement in offsite drainage			
RESTRICTED STORAGE		N/A			
OTHER					

RESOURCE: <b>WATER</b>	
RESOURCE CONCERN: <b>WATER QUALITY</b>	
<b>RESOURCE</b>	<b>PHYSICAL EFFECTS</b>
GROUNDWATER CONTAMINANTS	
• PESTICIDES	N/A
• NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	N/A
• NUTRIENTS AND ORGANICS	N/A
• SUSPENDED SEDIMENTS	N/A
• LOW DISSOLVED OXYGEN	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• WATER TEMPERATURE	N/A
• PATHOGENS	N/A
AQUATIC HABITAT SUITABILITY	N/A
OTHER	
RESOURCE: <b>AIR</b>	
RESOURCE CONCERN: <b>AIR QUALITY</b>	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	N/A
• OFFSITE SAFETY	N/A
• ONSITE STRUCT. PROBLEMS	N/A
• OFFSITE STRUCT. PROBLEMS	N/A
• ONSITE HEALTH	N/A
• OFFSITE HEALTH	N/A
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A
AIRBORNE CHEMICAL DRIFT	N/A
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	
RESOURCE CONCERN: <b>AIR CONDITION</b>	
AIR TEMPERATURE	N/A
AIR MOVEMENT (windbreak effect)	N/A
HUMIDITY	N/A
OTHER	

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RESOURCE: <b>HUMAN</b>	
RESOURCE CONCERN: <b>SOCIAL CONSIDERATIONS</b>	
<b>RESOURCE INDICATORS</b>	<b>PHYSICAL EFFECTS</b>
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: <b>CULTURAL CONSIDERATIONS</b>	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	